

CLAIMS

1. A precious metal-based amorphous alloy having a Pt-Cu-P based structure, wherein said alloy comprising in atomic %, 50≤Pt≤75%, 5≤Cu≤35%, and 15≤P≤25%.

2. A precious metal-based amorphous alloy having a Pt-Pd-Cu-P based structure, wherein said alloy comprising in atomic %, 5≤Pt≤70%, 5≤Pd≤50%, 5≤Cu≤50%, and 5≤P≤30%.

3. The precious metal-based amorphous alloy according to Claim 1, wherein said alloy is obtained through solidifying the amorphous alloy in a molten state at a cooling rate of 10^{-1} to 10^{20} C/sec.

4. The precious metal-based amorphous alloy according to Claim 2, wherein said alloy is obtained through solidifying the amorphous alloy in a molten state at a cooling rate of 10^1 to 10^{20} C/sec.